### PCT REQUEST

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P02EB008/PCT

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0	For receiving Office use only		
. 0-1	International Application No.		
0-2	International Filing Date		
0-3	Name of receiving Office and "PCT International Application"		
<u> </u>			
0-4	Form - PCT/RO/101 PCT Request		
0-4-1	Prepared using :	PCT-EASY Version 2.92 (updated 01.10.2002)	
0-5	Petition	(updated 01.10.2002)	
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty		
0-6	Receiving Office (specified by the applicant)	Korean Intellectual Property Office	
		(RO/KR)	
0-7	Applicant's or agent's file reference	PO2EBO08/PCT	
1	Title of invention	NON-LINEAR QUANTIZATION AND SIMILARITY	
		MATCHING METHODS FOR RETRIEVING VIDEO	
		SEQUENCE HAVING A SET OF IMAGE FRAMES	
11	Applicant	- Control of Training Training	
	This person is:	applicant only	
II-2	Applicant for	all designated States except US	
11-4	Name	ELECTRONICS AND TELECOMMUNICATIONS	
		RESEARCH INSTITUTE	
11-5	Address:	161, Gajeong-dong, Yuseong-gu	
		305-350 Daejon	
		Republic of Korea	
11-6	State of nationality	KR	
II-7	State of residence	KR	
11-8	Telephone No.	82-42-860-6959	
11-9	Facsimile No.	82-42-860-3831	
III-1	Applicant and/or inventor	02-42-000-3031	
III-1-1 ′		applicant and description	
III-1-2	Applicant for	applicant and inventor	
III-1-4	Name (LAST, First)	US only	
III-1-5	Address:	PARK, Sung Hee	
		#105-104, Daerim Doore Apt.,	
		Sinsung-dong, Yuseong-gu	
		305-720 Daejon	
III-1-6	State of nationality	Republic of Korea	
III-1-7		KR	
(-/	State of residence	KR	

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111-2	Applicant and/or inventor	<u> </u>	
111-2-1	This person is:	applicant and inventor	
111-2-2	Applicant for .	US only	
111-2-4	Name (LAST, First)	PARK, Soo Jun	
111-2-5	Address:	#203-501, Hyundai Apt., 477	
		Apgujeong-dong, Gangnam-gu	
		135-903 Seoul	
		Republic of Korea	
111-2-6	State of nationality	KR	
111-2-7	State of residence	KR .	
111-3	Applicant and/or inventor		
III-3-1	This person is:	applicant and inventor	
III-3-2	Applicant for	US only	
111-3-4	Name (LAST, First)	JANG, Myung Gil	
111-3-5	Address:	#103-504, Dasol Apt., Gung-dong,	
		Yuseong-gu	
		305-335 Daejon	
		Republic of Korea	
111-3-6	State of nationality	KR	
111-3-7	State of residence	KR	
111-4	Applicant and/or inventor		
111-4-1	This person is:	applicant and inventor	
111-4-2	Applicant for	US only	
111-4-4	Name (LAST, First)	PARK, Sang Kyu	
111-4-5	Address:	#105-1305, Hanmaeul Apt., Songgang-dong,	
	·	Yuseong-gu	
		305-756 Daejon	
		Republic of Korea	
111-4-6	State of nationality	KR	
111-4-7	State of residence	KR	
III-5	Applicant and/or inventor		
III-5-1	This person is:	applicant and inventor	
111-5-2	Applicant for	US only	
111-5-4	Name (LAST, First)	WON, Chee Sun	
111-5-5	Address:	3-26 Pil-dong, Jung-gu	
		100-866 Seoul	
		Republic of Korea	
111-5-6	State of nationality	KR	
		I AR	
III-5-7	State of residence	KR	

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IV-1	Agent or common representative; or address for correspondence	
	The person identified below is hereby/has been appointed to act on	agent
	behalf of the applicant(s) before the competent International Authorities as:	·
IV-1-1	Name	SHINSUNG PATENT FIRM
IV-1-2	Address:	Haecheon Bldg., 741-40, Yeoksam 1-dong,
		Kangnam-ku
-		135-924 Seoul
		Republic of Korea
IV-1-3	Telephone No.	82-2-555-7503
IV-1-4	Facsimile No.	82-2-553-1450
IV-1-5	e-mail	sspat@sspat.com
V	Designation of States	
V-1	Regional Patent	AP: GH GM KE LŞ MW MZ SD SL SZ TZ UG ZM
	(other kinds of protection or treatment, if any, are specified between	ZW and any other State which is a
	parentheses after the designation(s) concerned)	Contracting State of the Harare Protocol
•	concerned)	and of the PCT
		EA: AM AZ BY KG KZ MD RU TJ TM and any
		other State which is a Contracting State
		of the Eurasian Patent Convention and of
		the PCT
•	:	EP: AT BE BG CH&LI CY CZ DE DK EE ES FI
		FR GB GR IE IT LU MC NL PT SE SK TR and
		any other State which is a Contracting
		State of the European Patent Convention
		and of the PCT
	·	OA: BF BJ CF CG CI CM GA GN GQ GW ML MR
		NE SN TD TG and any other State which is
	•	a member State of OAPI and a Contracting State of the PCT
V-2	National Patent	
	( care miles of protection of deadifierit,	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&LI CN CO CR CU CZ DE DK DM DZ EC
	if any, are specified between parentheses after the designation(s)	EE ES FI GB GD GE GH GM HR HU ID IL IN
	concerned)	IS JP KE KG KP KZ LC LK LR LS LT LU LV
]		MA MD MG MK MN MW MX MZ NO NZ OM PH PL
		PT RO RU SC SD SE SG SI SK SL TJ TM TN
		TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
		TO THE TO THE TO THE TWO



V-5	Precautionary Designation Statement	
		·
	In addition to the designations made under items V-1, V-2 and V-3, the	
•	applicant also makes under Rule 4.9(b)	
	all designations which would be	
	permitted under the PCT except any	
	designation(s) of the State(s) indicated	
	under item V-6 below. The applicant	
	declares that those additional	*
	designations are subject to confirmation	
-	and that any designation which is not confirmed before the expiration of 15	
	months from the priority date is to be	-
	regarded as withdrawn by the applicant	·
<u> </u>	at the expiration of that time limit.	. •
V-6	Exclusion(s) from precautionary	NONE
	designations	
VI-1	Priority claim of earlier national	
VI-1-1	application	
	Filing date	31 October 2002 (31.10.2002)
VI-1-2	Number	10-2002-0067299
VI-1-3	Country	KR
VI-2	1	KK -
V 1-2	Priority claim of earlier national application	
VI-2-1	Filing date.	
		13 January 2003 (13.01.2003)
VI-2-2	Number	10-2003-0002074
VI-2-3	Country	KR
VI-3	Priority document request	
•	The receiving Office is requested to	TIT 1 TIT 7
	prepare and transmit to the	VI-1, VI-2
	International Bureau a certified copy of	
	the earlier application(s) identified	•
VII-1	above as item(s):	*
A11-1	International Searching Authority Chosen	Korean Intellectual Property Office
	51103611	(KIPO) (ISA/KR)
VIII	Declarations	Number of declarations
VIII-1	Declaration as to the identity of the	- Transcrior decidiations
	inventor	
VIII-2	Declaration as to the applicant's	_
	entitlement, as at the international filing	
	date, to apply for and be granted a patent	
VIII-3	Declaration as to the applicant's	
VIII-0	entitlement, as at the international filing	
	date, to claim the priority of the earlier	·
	application .	
VIII-4	Declaration of inventorship (only for the	_
	purposes of the designation of the	
	United States of America)	
VIII-5	Declaration as to non-prejudicial	-
	disclosures or exceptions to lack of novelty	
		l l

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IX .	Check list	number of sheets	electronic file(s) attached	
IX-1	Request (including declaration sheets)	5	_	
IX-2	Description	21		
IX-3	Claims	14	1	
IX-4	Abstract	1	EZABST00.TXT	
IX-5	Drawings	10	-	
IX-7	TOTAL	51		
	Accompanying items	paper document(s) attached	electronic file(s) attached	
IX-8	Fee calculation sheet		<del> </del>	
IX-9	Original separate power of attorney		-	
IX-17	PCT-EASY diskette	_	Diskette	
IX-19	Figure of the drawings which should accompany the abstract	1A ·		
IX-20	Language of filing of the international application	English		
X-1	Signature of applicant, agent or common representative		and the second	
X-1-1	Name	SHINSUNG PATENT FIRE		

## FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the			•	
	purported international application			•	٠.
10-2	Drawings:			·	<del></del>
10-2-1	Received			<b>5</b>	
10-2-2	Not received		÷		
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application				
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)				
10-5.	International Searching Authority	ISA/KR		-	
10-6	Transmittal of search copy delayed until search fee is paid				

# FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by	
	the International Bureau	

P02EB008/PCT

(This sheet is not part of and does not count as a sheet of the international application)

			•	,
, 0	For receiving Office use only			
0-1 <sup>.</sup>	International Application No.			·
0-2	Date stamp of the receiving Office			
0-4	Form - PCT/RO/101 (Annex)	•		
0-4-1	PCT Fee Calculation Sheet			•
0-4-1	Prepared using		PCT-EASY Vers	
			(updated 01.1	0.2002)
0-9	Applicant's or agent's file reference	e	P02EB008/PCT	
2	Applicant		ELECTRONICS A	ND TELECOMMUNICATIONS
			RESEARCH INST	ITUTE, et al.
12	Calculation of prescribed fees		fee amount/multiplier	Total amounts (KRW)
12-1	Transmittal fee	Т	₽	45,000
12-2-1	Search fee	S	₽	150,000
12-2-2	International search to be carried out	by	KR	
12-3	International fee			
	Basic fee			·
•	(first 30 sheets)	b1	530,000	
12-4	Remaining sheets		21	
12-5	Additional amount	(X)	12,000	
12-6	Total additional amount	b2	252,000	
12-7	b1 + b2 =	В	782,000	
12-8	Designation fees			
	Number of designations contain in international application	ed	94	
12-9	Number of designation fees payable (maximum 5)		5	
12-10	Amount of designation fee	(X)	114,000	
12-11	Total designation fees	D	570,000	•
12-12	PCT-EASY fee reduction	R	-163,000	
12-13	Total International fee (B+D-R)	T	₽	1,189,000
12-14	Fee for priority document	$\neg$		
	Number of priority documents requested		1	
12-15		$\propto$	0	
12-16	Total priority document fee	Р	⇨	0
12-17	TOTAL FEES PAYABLE (T+S+I+P)		⇒	1,384,000
12-19	Mode of payment		cash	
	· · · · · · · · · · · · · · · · · · ·			<u> </u>

VALIDATION LOG AND REMARKS